

1. Create a table cust with following columns  
custid as not null,  
Name.

Assume appropriate data types.

- Alter the table cust to add not null constraint to name.
- Alter the table cust to add unique constraint to custid.

Create table student with following columns  
regno,  
mark.

Where  $0 \leq \text{mark} \leq 100$ .

- Alter the student table to add the constraint to check the length of regno is 4.
- Assume appropriate data types.

Create a table called EMP with the following structure.

EMPNO NUMBER(6)  
ENAME VARCHAR2(20)  
JOB VARCHAR2(10)  
DEPTNO NUMBER(3)  
SAL NUMBER(7,2)

- Allow NULL for all columns except ename and job.
- Add a column experience to the emp table. experience numeric null allowed.
- Modify the column width of the job field of emp table.

2. Create a table Products with following columns

ProductID,  
ProductName,  
SupplierID,  
CategoryID,  
Unit  
Price.

Assume appropriate data types.

Create a table Customers with following columns

CustomerID,  
CustomerName,  
ContactName,  
Address,  
City,  
PostalCode,  
Country.

Assume appropriate data types.

Insert at least 10 entries in each table.

#### Questions:

- Increase the Price of all products by 5 and display it as 'Price+10' in Products table.
- List all the items from Products whose Price=18
- List all the items from Products whose Price is more than 30
- List all the items from Products whose Price is not equal to 18
- List all the items from Products whose Price is between 50 and 60
- List the customer details from Customers whose City is London and Country is UK
- List the customer details from Customers whose City is London or Country is UK

- List the customer details from Customers whose City matches with the list of cities among Paris, London, San Francisco